IAP7 Rec'd PCT/PTO 21 APR 2006

ATTORNEY'S DOCKET NUMBER FRM-055US TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO. (If known, see 37 CFR 1.5) **CONCERNING A FILING UNDER 35 U.S.C. 371** INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/EP2004/011913 21 October 2003 (21.10.2003) 21 October 2004 (21.10.2004) 31 December 2003 (31.12.2003) TITLE OF INVENTION **ELECTROMAGNETIC VALVE** APPLICANT(S) FOR DO/EO/US PERTHEL, Klaus and JAUSS, Andreas Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: 1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371. 2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371. 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. The US has been elected (Article 31). 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. is attached hereto (required only if not communicated by the International Bureau). b. A has been communicated by the International Bureau. c. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. \boxtimes is attached hereto. b. has been previously submitted under 35 U.S.C. 154(d)(4). 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. are attached hereto (required only if not communicated by the International Bureau). b. \square have been communicated by the International Bureau. c. have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. A preliminary amendment. 14. An Application Data Sheet under 37 CFR 1.76. 15. A substitute specification. 16. A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 18. A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. Other items or information: Certificate of Express Mailing; Form 2038; return postcard

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| U.S. APPLIGATION NOTIFIER 1.5) INTERNATIONAL APPLICATION NO. PCT/EP2004/011913 | | | | | | ATTORNEY'S DOCKET NUMBER FRM-055US | |
|---|----------------------|---------|--|-----------------|------------|------------------------------------|-----------------|
| 21. The following fees are submitted: | | | | | | Applicant use | Office use only |
| a) Basic national fee\$300.00 | | | | | | \$300.00 | |
| □ b) Examination fee | | | | | | \$200.00 | |
| ☐ c) Search fee\$ 500.00 | | | | | | \$500.00 | |
| TOTAL OF ABOVE CALCULATIONS = \$1000.00 | | | | | | \$1000.00 | |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | | |
| Total | | | Number of each additional 50 | | | | |
| Sheets | Extra Sheets | | or fraction thereof (round up to a whole number) | | RATE | | 1 |
| - 100 = | - | / 50 = | | a whole nameer) | x \$250.00 | \$ | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | | | \$ | |
| CLAIMS | | | | NUMBER EXTRA | RATE | \$ | |
| Total claims | | 23 - 20 | 0 = | 3 | x \$ 50.00 | \$150.00 | |
| Independent cla | Independent claims 3 | | = | 0 | x \$200.00 | \$ | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00 | | | | | | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | | | \$1150.00 | |
| Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | | | \$ | |
| SUBTOTAL = | | | | | | \$ | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | | | \$ | |
| TOTAL NATIONAL FEE = | | | | | | \$1150.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | | | \$ | |
| TOTAL FEES ENCLOSED = | | | | | | \$ | |
| | | | | | | Amount to be refunded: | \$ |
| | | | | | | charged: | \$1150.00 |
| a. A check in the amount of \$ to cover the above fees is enclosed. | | | | | | | |
| b. Please charge my Deposit Account Noin the amount of \$to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | | | |
| c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No 503596. A duplicate copy of this sheet is enclosed. | | | | | | | |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card | | | | | | | |
| information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or | | | | | | | |
| (b)) must be filed and granted to restore the application to pending status. | | | | | | | |
| SEND ALL CORRESPONDENCE TO: SIGNATURE | | | | | | | |
| I Minimean & Sammein I I I | | | | | | nald W. Muirhead | |
| Westborough, MA 01581 | | | | | | 978 | |
| | | | | | | TION NUMBER | |

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Klaus PERTHEL et al.

Appl. No.: To be assigned

Filed: April 21, 2006

For:

ELECTROMAGNETIC VALVE

Art Unit: To be assigned

Examiner: To be assigned

Atty Docket: FRM-055US

Certificate of Express Mailing

I hereby certify that the foregoing documents are being deposited with the United States Postal Service as Express Mail, postage prepaid, in an envelope addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date of April 21, 2006.

Name: Bonny Rogers

Express Mail Label: EQ547999288US